

Converting Colors

XYZ(26.7510, 21.0395, 25.4040)

Have a look what the booklet for
XYZ(26.7510, 21.0395, 25.4040)
contains.

XYZ(26.8644, 21.1489, 25.5879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8644, 21.1489,
25.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6B87
RGB	173, 107, 135
RGB Percent	68%, 42%, 53%
CMY	0.3216, 0.5804, 0.4706
CMYK	0.00, 0.38, 0.22, 0.32
HSL	335°, 29%, 55%
HSV	335°, 38%, 68%
XYZ	26.8644, 21.1489, 25.5879
YIQ	129.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

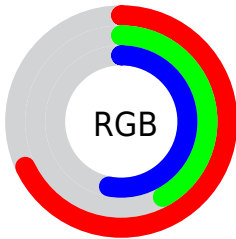
Format	Color
R_{YB}	173, 107, 135
Decimal	11365255
CIE _{Lab}	53.11, 30.24, -4.26
CIE _{LCh}	53, 30.535, 351.977
Yxy	21.1489, 0.3650, 0.2873
Android (android.graphics.Color)	4289555335 (0xFFAD6B87)
YUV	129.9260, 2.5015, 37.7759
Hunter-Lab	45.9879, 23.7940, -0.7977

Details

The XYZ color **26.8644, 21.1489, 25.5879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.1187, 35.0577, 32.1799**, and the grayscale version is **21.1764, 22.2792, 24.2621**.

A 20% lighter version of the original color is **54.1084, 45.2501, 53.4593**, and **10.7605, 7.6039, 9.4949** is the 20% darker color. If you saturate the color by 10%, you get **24.5691, 17.6285, 21.5230**, and if you desaturate by 10%, it is **29.5874, 25.4192, 30.1196**.

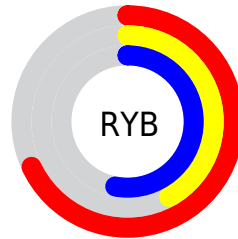
Distribution



Red (68%)

Green (42%)

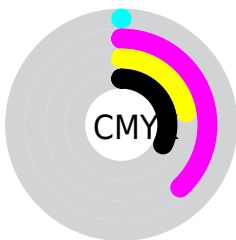
Blue (53%)



Red (68%)

Yellow (42%)

Blue (53%)

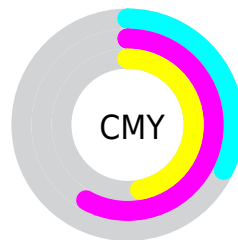


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (58%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8644, 21.1489, 25.5879 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.8644, 21.1489, 25.5879 by changing the saturation by 10% instead.

 26.8644, 21.1489,
25.5879


 26.8644, 21.1489,
25.5879


279.1795,
258.0688, 294.2940


 17.6075, 13.2329,
16.2926


 54.0876, 45.3352,
53.5853


 10.7665, 7.5891,
9.5749


 72.7846, 62.3743,
73.1244

 5.9762, 3.8332,
5.0161


 95.3590, 83.2232,
96.9153

 2.8711, 1.5807,
2.1978

 122.1762,
108.2663, 125.3764

 1.0860, 0.3445,
0.6731

153.6015,
137.8880, 158.9263

 0.0133, 0.0000,
0.0000

190.0002,

 0.0000, 0.0000,

172.4728, 197.9835

0.0000

231.7378,
212.4049, 242.9666

■ 26.8644, 21.1489,
25.5879

■ 26.8644, 21.1489,
25.5879

■ 24.5691, 17.6285,
21.5230

■ 29.5874, 25.4192,
30.1196

■ 22.6762, 14.8111,
17.9070

■ 32.7578, 30.4768,
35.1325

■ 21.1606, 12.6489,
14.7224


■ 36.3963, 36.3601,
40.6420


■ 19.9931, 11.0871,
11.9500

■ 40.5218, 43.1043,
46.6620


■ 19.1402, 10.0615,
9.5683


■ 45.1519, 50.7423,
53.2064


 18.5464, 9.4650,
7.5481

 50.3034, 59.3054,
60.2879

 18.4491, 9.3705,
7.2074

 55.9925, 68.8234,
67.9192

 62.2345, 79.3246,
76.1123

 66.5366, 85.8215,
84.0431

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.3745, 21.1489, 35.7439



26.8644, 21.1489, 25.5879



26.3956, 21.1489, 17.0177

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.8644, 21.1489, 25.5879



17.8758, 21.1489, 10.2033



16.5292, 21.1489, 39.9775

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.8644, 21.1489, 25.5879



26.1187, 35.0577, 32.1799

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.8969, 21.1489, 30.3080



26.8644, 21.1489, 25.5879



15.6147, 21.1489, 13.7537

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.8644, 21.1489, 25.5879



20.9766, 21.1489, 9.5700



14.5809, 21.1489, 20.6440



19.2509, 21.1489, 45.3811

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.8644, 21.1489, 25.5879



25.0557, 21.1489, 13.1009



14.5809, 21.1489, 20.6440



15.8474, 21.1489, 37.0127

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.8650, 21.1499, 25.5883



63.1094, 61.7509, 69.6880



24.3730, 19.4991, 42.0143



13.5278, 13.1166, 14.8627



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8650, 21.1499, 25.5883



44.5117, 32.3442, 39.4775



25.6164, 21.4032, 16.6923



8.1409, 8.0696, 9.0530



13.5810, 6.8950, 5.4391



0.4055, 0.2029, 0.2974

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.8650, 21.1499, 25.5883



44.5117, 32.3442, 39.4775



27.7205, 34.3707, 44.7084



8.1409, 8.0696, 9.0530



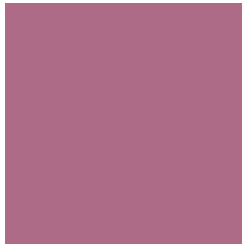
13.5810, 6.8950, 5.4391



0.4055, 0.2029, 0.2974

Previews

White Background



This preview shows how the XYZ color 26.8644, 21.1489, 25.5879 looks on a white background.

Color Contrast Check

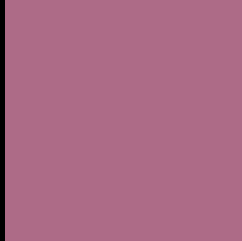
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.8644, 21.1489, 25.5879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8644, 21.1489, 25.5879

Background



This preview shows how black text looks on a background with the XYZ color 26.8644, 21.1489, 25.5879.



This preview shows how white text looks on a background with the XYZ color 26.8644, 21.1489,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.8644, 21.1489, 25.5879

Protanopia

21.0395, 21.3134, 30.6088

Deuteranopia

21.5643, 21.1502, 24.7756



Tritanopia

25.6405, 21.1178, 19.8643

Trichromacy



Original Color

26.8644, 21.1489, 25.5879

Protanomaly

22.7101, 20.9276, 28.8291

Deuteranomaly

23.1726, 20.9001, 25.0031

Tritanomaly

26.1200, 21.1632, 21.7770

Monochromacy



Original Color

26.8644, 21.1489, 25.5879

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9785, 21.6960, 24.8064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8644, 21.1489, 25.5879 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 107, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 107, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.8644, 21.1489, 25.5879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 107, 135) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 107, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 107,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8644, 21.1489, 25.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 107, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
107, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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